Here's the assignment I was talking about

I would be scheduling a call on Monday/Tuesday next week to walk us through the solutions. I will get in touch with you with available slots soon.

Assignment Details:

Ansible (2.5+) has a module for terraform. Please create an Ansible playbook to deploy terraform projects including deciding appropriate parameters to provide a good balance between usability and customizability. This playbook is intended to be run within a Jenkins pipeline (brownie points for writing the Jenkinsfile).

Think about it as a generic playbook to deploy any terraform project. The idea is to have various capabilities like

Ability to set backend configuration during runtime

Ability to pass Terraform variables through ansible vars

Have a way to create:

Only terraform plan and not execute it (for example, this can be used to create a manual approval stage)

Create the plan and execute it

Just execute a plan that has been created earlier

If you think the new module lacks these capabilities. please mention them in detail.

Feel free to get back if you have any follow-up questions regarding the task.